



POWER ACOUSTIK

Owner's Manual

DG-7Q

Pre-Amplifier-Driver Unit

Congratulation!

You now own the **Power Acoustik DG-7Q** Pre-amplifier, the product of an uncompromising design and engineering philosophy. Your **DG-7Q** Pre-Amplifier Will outperform any other parametric equalizer in the world.

To maximize the performance of your system, we recommend that you thoroughly acquaint yourself with its capabilities and features. Please retain this manual and your sales receipt for future reference.

Soundstream Pre-amplifier is the result of American innovation and the highest quality control standard. When properly installed, they will provide you with many years of listening pleasure. Should your Pre-Amplifier ever need service or replacement due to the theft, please record the following information which will help protect your investment.

Model and Serial # _____

Dealer's Name _____

Date of Purchase _____

Installation Shop _____

Installation Date _____

CAUTION!

Prolonged listening at extremely high levels may result in hearing loss. Even though your car audio system with your new Power Acoustik DG-7Q Pre-Amplifier sounds better than anything you've ever heard, exercise caution to prevent hearing damage.

USING THE DIGI-Q TO ITS WITHOUT FULLEST POTENTIAL

Using this DG-7Q is probably going to be the easiest thing to use in your car. You can control all the functions of this unit from only one knob of the unit. This one knob can be pressed or rotated to make raise, lower, select and move from one function to another.

In idol mode, the unit will display the status of your battery voltage. You can either press the knob to gain access to the functions, or turn the knob in the dirrection you want to adjust the volume of the system.

In idol mode oress the knob toswitch between all the functions, like inputs, EQ settings, volume, sub-control, etc. Once you reach a point you want to adjust you turn the knob to select your prefered setting.

So what type of controls do you have on this unit, there are master volume control, fader, sub-woofer crossover and level, 7 EQ bands, input selection and frequency counter.

USING THE DIGI Q TO ITS FULLEST POTENTIAL

This new breed of equalizer has a ton of possibilities. Use your imagination to set it the best scenario.

With multi inputs, you can select an audio source from all types of devices. With a little work, you can use the AUX/CD CHANGER input to allow you to listen to almost any portable MP3 Player, or a second CD/DVD player in the car.

Using the volume control in the EQ over the volume control of the main source unit is more practical. Using the main source unit leaves the output of the EQ at a high tilt which can cause excessive noise or hiss when you lower the level of the source unit. You can avoid all that by using the volume of the EQ instead, besides the EQ offers better S/N and separation than the source unit (in most cases).

When applying a second source to the EQ, make sure to level match the two, this way when you switch from one to the other you won't have unexpected clip or the need to change the master volume to accommodate the auxiliary source signal. You can do this with the controls in the EQ. you start by pressing the knob of the DG-7Q until it reaches the control point for the AUX/CD CHANGER input and make your adjustments accordingly.

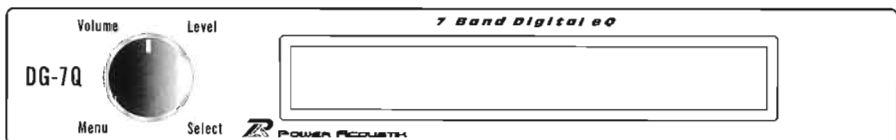
FEATURES

The subwoofer output is an additional convenience when you wish to add subwoofers to your audio system to greatly enrich the bass sound.

It will perform with any unit operating in a 12 volt negative ground electrical system.

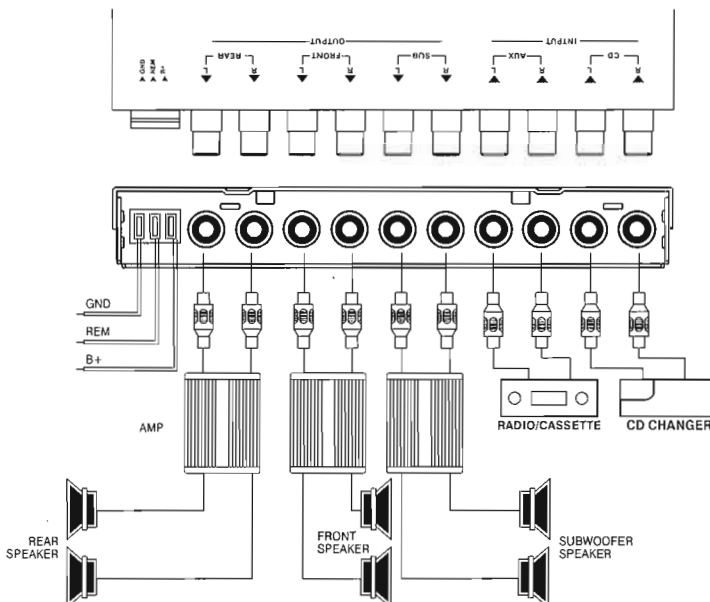
- All functions controled by one knob.
- Volume Control with up to 5.5 Volts RMS of output.
- Seven band equalizer with 10dB boost / Cut.
- Low noise BI-FET op-amp design yields minimum distortion.
- Universal Half-DIN chassis for easy of installation.
- High grade gold plated RCA jacks.
- Subwoofer level control
- Subwoofer frequency adjustable(50Hz-550Hz)
- Main/Aux (CD/Aux) input selector.
- Night illumination design
- Function display (VOLTAGE,BAND,FADER,VOL, SUB VOL,SUB FC).

FRONT PANEL



1. Voltage: No any adjust the LED display input voltage
2. Volume control: when you adjust the “menu” you can adjust the output level.
3. Input selector: you can push the “menu” when display CD or Aux. you turn the “menu” can choose CD/Aux input.
4. Band selector: you can push the “menu” when display band-. You can turn the “menu” choose the band1 to band 7. Boost 10dB.
5. Sub level control: you can push the “menu” when the : “Sub Vol” display. You turn the “menu” you can choose the sub level output.
6. Sub frequency control: you can push the “menu” when display the : “SUBFC” you can turn the “menu” adjust. The SUB frequency from 50Hz to 550Hz.

ELECTRICAL INSTALLATION

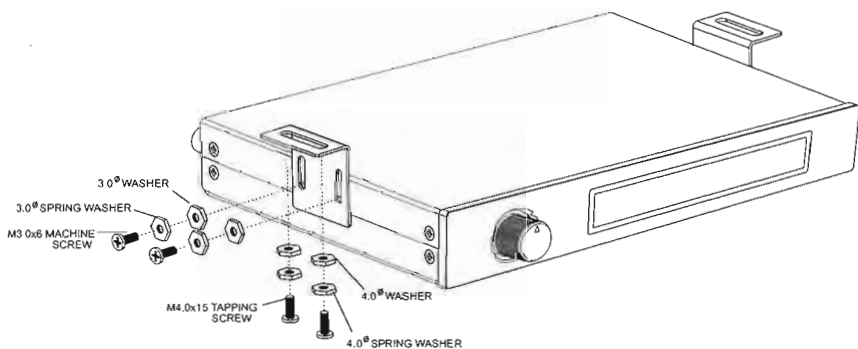


NOTES: Set your source volume at one-half to three quarter .

Always use the volume on the EQ as the master volume control. It has better electronics, higher S/N ratio and is more linear than any source unit.

MECHANICAL INSTALLATION

1. Select the location to mount the unit under the dash board.
2. Drill (4) 4.2 mm diameter holes. Fix the mounting bracket to the location with (4) 4 x 15 mm tapping screw. Be careful when drilling so as not to damage existing wiring under the dash board.
3. Mount unit to the mounting bracket with (4) 3 x 6 mm machine screws.



SPECIFICATIONS:

- Master Volume, Fader, Subwoofer Level Control
- 2 Inputs
- System Battery Voltage Read Out
- 7 Band Equalizer
- Output Voltage Up to 8 V
- Subwoofer Output Voltage Up to 10 V
- Frequency Response 15HZ ~ 30KHZ
- THD+n (1vrms output) = 0.002%
- Input sensitivity = 0.3 ~ 1.5 Vrms
- Channel separation = 79db
- Battery Voltage Range = 9.5 ~ 14.2VDC
- Current Consumption = 2 ampere
(all outputs maxed)
- B/C control range = 20 db (+10 to -10db)
- Subwoofer Output Frequency Range 180 ~ 550Hz

Power Acoustik TECHNOLOGIES

www.poweracoustik.com